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FEMP HAZARDOUS WASTE MANAGEMENT UNIT ISSUES

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LETTER

OEPA



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WEMCO:EC&QA(OU3/RI):92-036

April 1, 1992

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RECORD COPY

Mr. Phil Harris
Ohio EPA
40 South Main Street
Dayton, Ohio 45402

Dear Mr. Harris:

FEMP HAZARDOUS WASTE MANAGEMENT UNIT ISSUES

After the recent OEPA/DOE/WEMCO meeting in Dayton, Ellery Savage indicated to me that OEPA still had some questions regarding the HWMU issues that were presented during the meeting last September. On Monday (3/31/92), Tom Walsh and I spoke with Paul Pardi to find out what information you needed and to see if we could set up a meeting to resolve these issues. As a result of Monday's telephone call, I offered to send a brief review of the issues discussed in September (Paul recommended that I address it to you). This memo provides a brief synopsis of the HWMU issues, and where appropriate, information discovered since September that is pertinent to the regulatory status of the units is noted.

1) Parts Cleaner in Welding Shop - Maintenance Building 12.

The FEMP requested OEPA concurrence to change status from HWMU to non-unit. Information was found that showed the unit was emptied at the time it was removed from service. Therefore, it did not store solid or hazardous wastes and the unit is not a SWMU or a HWMU.

A letter was submitted to OEPA in February explaining that the FEMP no longer considered the unit to be a HWMU.

2) Drum Storage Area Near Loading Dock - Laboratory Building.

The FEMP requested relief from regulation for two reasons. First, while conversation reports indicate that hazardous wastes were stored in the area, there are no written records or other documentation that list the hazardous waste constituents or characteristics. Without this information, a closure plan cannot be prepared. Second, the wastes and the concrete, soil, and debris from the loading dock and surroundings where the hazardous waste was stored were removed during the construction/renovation of the lab building or as part of a CERCLA removal action in the area. Because the HWMU no longer exists, the FEMP requests concurrence from OEPA to close this unit during the CERCLA remedial action.

CONTROL NO.:	_____
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ISSUE DATE:	_____
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3) Drummed HF Residue and Associated Storage Areas.

The FEMP requested relief from regulation because these three areas were employed only temporarily (and unknowingly) for the storage of a hazardous waste. These HWMU's no longer store containers of hazardous waste. The waste containers were removed from these areas prior to being reported as HWMU's. In addition, the waste containers are in good condition and there is no evidence of release from the waste containers. The FEMP seeks concurrence from OEPA to effectively close these units as part of the CERCLA remedial actions.

4) Primary Calciner.

The unit was determined to be a HWMU on the basis that it treated (i.e. burned) hazardous wastes. The FEMP requested changing the status of the unit from HWMU to SWMU with follow-up investigation to determine the need, if any, for a removal action. This change in status was based on OEPA concurrence that the Box Furnace ash and the wastewater filter cake burned in the unit were not hazardous wastes.

5) Well Drilling Storage Area.

The FEMP requested excluding this area from regulation as a HWMU because hazardous wastes were stored only temporarily (and unknowingly).

A recent re-investigation of the unit may have found information that indicates that hazardous wastes were not stored for extended periods of time and, as a result, the unit may not be a HWMU. As this information is verified, it will be made available to OEPA.

6) Equipment Storage Area.

The FEMP presented the position that the unit is a SWMU (not a HWMU) because the only hazardous waste at the location were spent lead-acid batteries that were subject to exclusion (OAC 3745-58-70).

7) Wastewater Treatment System Mixture Rule Exclusion.

The FEMP presented the position that the mixture rule exclusion does apply to the FEMP system based on: a) application of one headworks instead of four, and; b) employing more realistic solvent usage data. OEPA concurrence of the exclusion to one or more of the FEMP wastewater systems will, in turn, allow the change in status of surface impoundments declared to be HWMU's based on the current interpretation that the exclusion is not applicable.

In addition, the FEMP put forth the position that the Coal Pile Runoff Basin is not a unit due to the fact that it did not go into service until after 1984, the only year when the non-contaminated wastewater system was calculated to have exceeded the exclusion limit.

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OEPA requested further information on the non-contaminated general sump wastewaters in late November. The FEMP is in the process of preparing a response to the request. While re-evaluating the non-contaminated general sump wastewater system in order to respond to OEPA's questions, it was discovered that the only potential source of 1,1,1-trichloroethane (TCA) did not drain into the Coal Pile Runoff Basin. Therefore, no TCA flowed through the unit, and it is not a HWMU.

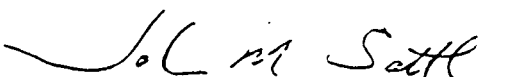
8) UST #5.

This unit was discussed briefly during the September meeting. The FEMP had previously sent a position paper to OEPA stating that the UST #5 should not be regulated as a HWMU because it meets the requirements of the wastewater treatment exclusion. In response to questions OEPA had at the meeting additional information was forwarded to the State in late September.

All of the above mentioned units were listed on the October, 1991 Part B Permit Application as HWMU's.

At the September meeting, OEPA was presented with fact sheets on each of the units/issues discussed above, except for UST #5. This memo serves only as a brief condensation of the HWMU issues, it is not intended to be an in-depth analysis of all the facts or regulatory positions. The FEMP would like to discuss these issues in more detail with OEPA in order to come to resolution. Please call Tom Walsh or me to establish a time and date when we can meet. In addition, if you need additional information on any of the units, we can forward it to you.

Very truly yours,



John M. Sattler, Manager
Regulatory Integration
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